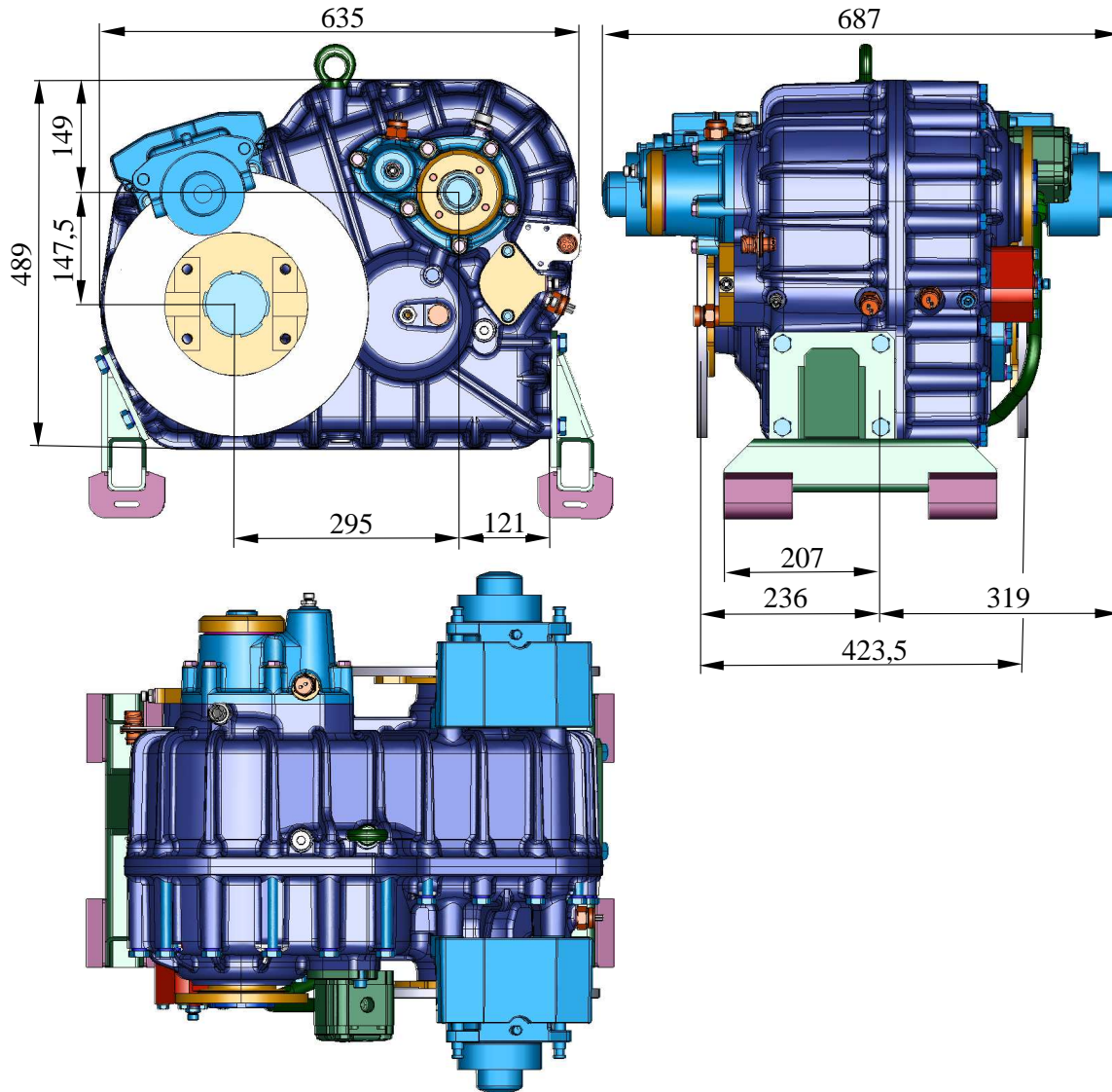




Advanced  
Design  
Solution

## TECHNICAL SPECIFICATION TRANSFER CASE TC2004



### TECHNICAL DATA

Maximum Input Torque	20 000 Nm	
Total Offset Distance	X=147.5mm Y=295mm	
High Speed Ratio	0,78	
Low Speed Ratio	1,69	
PTO Ratio	1	
Split torque differential Ratio	1:1	differential lock, electrical signal in differential lock position
Shifting –	air operated, electrical signal in high and low speed position air pressure 2,5÷8,5 bar	
Lubrication –	internal oil pump, possibility of external cooling circuit	
Oil Capacity	approx. 7,5 l	
Oil Specification	SAE 75W-90, Multi Purpose Gear Oil API-GL-5 or MIL-L-2105C or CD	
Maximum Working Temperature	130°C	
Weight (dry)	approx. 320 kg	
Parking Brakes: on Front Output Shaft, on Rear Output Shaft		

### PTO DATA

Maximum Nominal Torque	1 000 Nm
Air operated shifting, electrical signal in PTO engaged position	

### SHIFTING

X – IMPULS PRESSURE  
O – PERMANENT PRESSURE

PORT NUMBER	1	2	3	4	5
HIGH	X				
LOW		X			
NEUTRAL	X		X		
PTO					O
DIFFERENTIAL LOCK				O	

Address: Lubina 462, 742 21 Kopřivnice, CZECH REPUBLIC

Phone: +420 556 808 037, Fax: +420 556 808 685, vneuman@ads-cz.com, www.ads-cz.com

OIL INTAKE  
PLUG SW10

PTO SWITCH

OIL INTAKE FROM  
COOLER M22x1,5

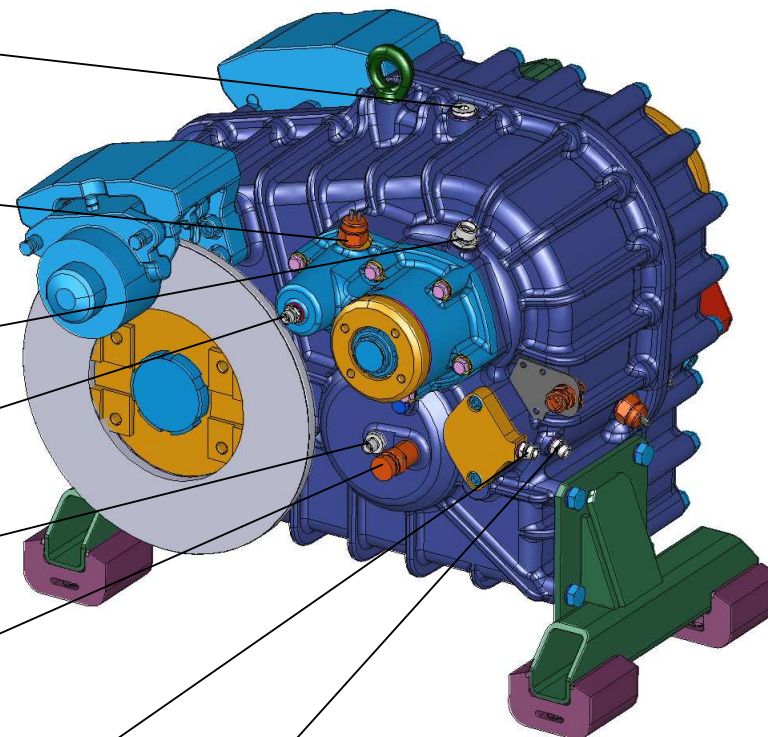
PORT-5 M14x1,5  
FOR SHIFTING PTO

BREATHER PORT  
M14x1,5

SPEEDOMETER  
Type 2159.20

PORT-1 M14x1,5

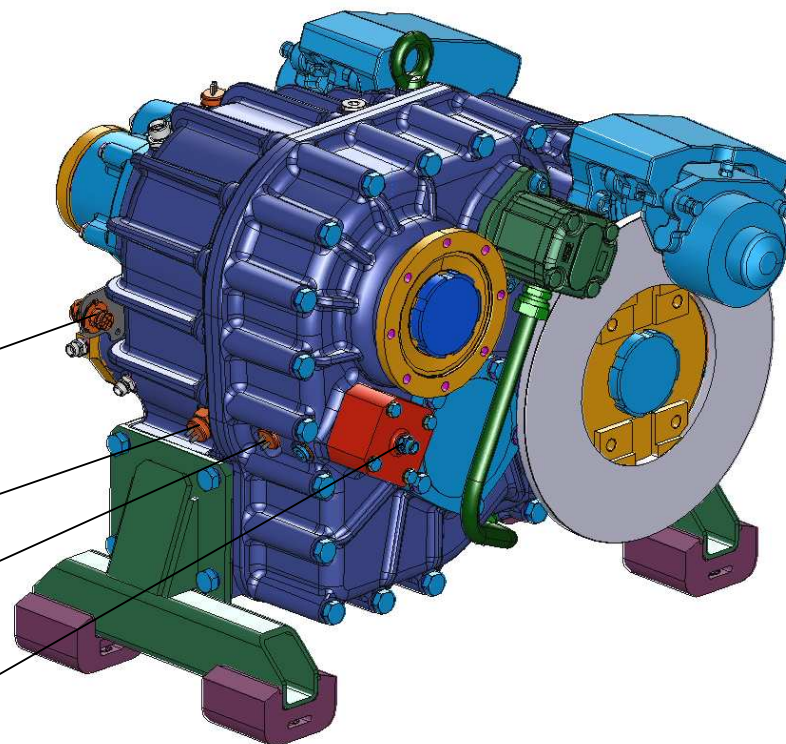
PORT-2 M14x1,5





Advanced  
Design  
Solution

## TECHNICAL SPECIFICATION TRANSFER CASE TC2004



ELETRICAL SOCKET  
C-1718230

LOW SPEED  
SWITCH

HIGH SPEED  
SWITCH

PORT-3 M14x1,5

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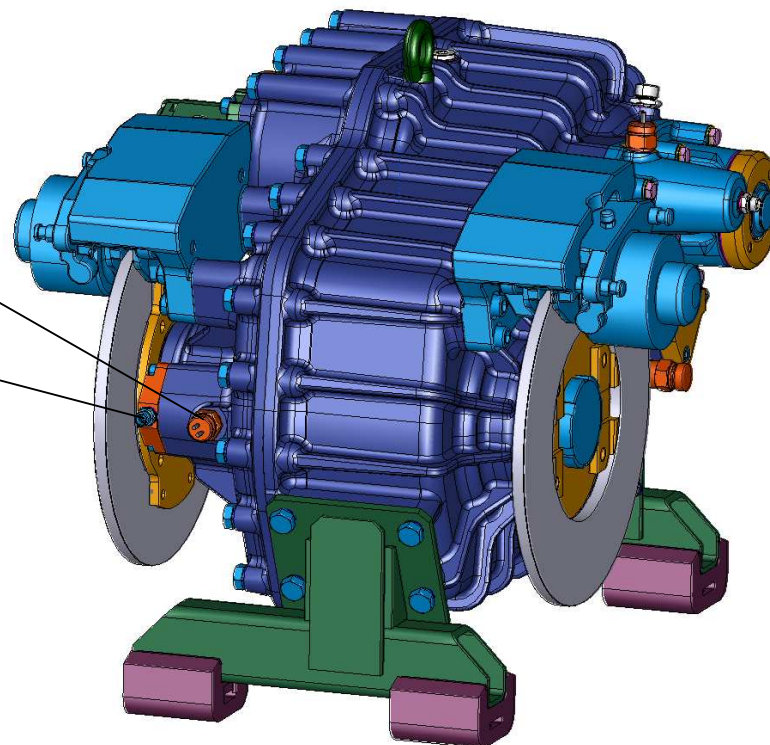


Advanced  
Design  
Solution

## TECHNICAL SPECIFICATION TRANSFER CASE TC2004

DIFFERENTIAL  
LOCK SWITCH

PORT-4 M14x1,5



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